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NEX-VG30H

Prosumer Interchangeable lens HD Camcorder

16.1MP Exmor® APS-C HD CMOS sensor

With approximately 19.5 times the surface area of conventional camcorders, the 16.1MP Exmor® APS-C HD CMOS sensor makes getting cinematic video with a shallow depth of field video a breeze.

Direct power zoom w/ variable zoom speed control

The NEX-VG30 was built with an all new powered zoom seesaw lever for variable and constant speed electronic zooming. The easily accessible lever supports 2x digital zoom that can be used with both variable and fixed focal length lenses.

Sony E-mount 18-200mm OSS image stabilized zoom lens included

The new NEX-VG30H ships with a new Sony E-Mount 3.5-6.3 OSS zoom lens. The new lens provides an 11x zoom ratio for superior versatility. Take advantage of 6 selectable zoom speeds. The result is convenient and smooth zooming for your productions. Made to shoot video, it also includes a silent auto-focus system coupled with Optical Steadyshot™ image stabilization with Active Mode3, giving you the flexibility of a removable lens with the ergonomics and operability of a Handycam® camcorder.

XGA OLED Tru-Finder™ EVF w/ eye sensor

There's never been anything quite like the Tru-Finder™ OLED electronic viewfinder. For size, speed and brightness even after sunset, this is a gem. It begins with 2359K dots for amazing resolution and high contrast ratio for incredible depth. OLED reduces motion blur to a bare minimum. You can also see the results of camera adjustments in real time with superb color and detail.

Quad Capsule Spatial Array Stereo Microphone

High quality video requires high quality audio. The Quad Capsule Spatial Array stereo microphone contains four precision placed microphone capsules that are perfectly angled at 45 degrees to provide exceptional front-side directivity and stereo separation.

Mic/Headphone jacks

Dedicated mic and headphone inputs allow for attachment of external microphones (like shotgun microphone ECM-CG50 for pin point sound recording) and headphones to monitor sound.

Vegas® Movie Studio HD Platinum 11[4]

Included free of charge via download, Sony Vegas® Movie Studio HD Platinum 11 allows you to easily add video effects, background music, titles, text, transitions, and much more. Everything you need to create dramatic HD movies like a pro. Share your creations via DVD, Blu-ray Disc™ media, or upload to the web – all from one easy to use program.[4]

16.1MP RAW Still Images at up to 6fps

Enjoy incredible DSLR-quality detail and clarity with 16.1MP RAW still images and even catch fast action sequences with a continuous burst rate of up to 6fps.

Accepts DSLR A- and E-mount lenses5

Using the LA-EA2 adaptor with translucent mirror technology and a built-in AF motor (sold separately), you can attach the full selection of A- and E-mount system lenses, which includes all current models, dozens of Minolta A-mount lenses, and an installed base of millions of lenses worldwide. Operational restrictions apply.[5] Videographers may also use the LA-EA1 mount adaptor for standard A-mount lens compatibility.

Comprehensive Manual Control

Aperture priority, shutter speed priority or manual exposure control can all be accessed while shooting video via a control dial or easy-access buttons. With extensive manual control of Iris, you will be able to adapt to almost any lighting condition to get the best shot.

CinemaTone presets and 24p recording for cinematic quality video

For extra control over image expression, CinemaTone technology is used to deepen the color and recreate film-like color tones. Combined with 24p recording, you'll have some of the tools you need to fulfill your need for cinematic expression.

Optical SteadyShot™ w/ Active Mode[3]

Optical SteadyShot™ image stabilization with Active Mode[3] built-in supplied lens compensates for greater degrees of camera shake to deliver stunningly smooth video.

Advanced controls with expanded focus, zebra, and peaking

The NEX-VG30 provides advanced capture and control features that are often considered the domain of professional cameras including expanded focus for precise manual focus control, zebra and peaking for precision focus and exposure adjustments.

Multi-Interface Shoe

Unlike conventional camcorders, the NEX-VG30 also features a newly developed Multi-Interface Shoe that dramatically expands compatibility with Handycam® accessories, thus raising the potential for photo/movie shooting. Attach an optional XLR adapter to the Multi-Interface shoe to elevate audio quality.

Picture Effects

Picture Effects adds a new level of expression to photos and video, making ordinary images and scenes come to life by heightening mood and emphasizing certain attributes. (Movie and Still: Posterization,Pop Photo, Partial Color, High contrast Monochrome, Toy Camera)(Still Only:Soft Focus,Miniature)

25-point Auto Focus

Twenty five AF points cover a very wide area of the scene, for accurate focusing even when the subject is far from the center of the frame.[7]

AF/MF switch for creative control

Whether you're shooting video or still images the attached lens will auto focus quietly and quickly, however if you want to utilize MF, this simple switch will put you in the driver's seat.

Anti-Dust Technology

Anti-Dust Technology helps keep the CMOS sensor clean, resulting in consistently clear pictures. First a static-free coating on the sensor's low-pass filter helps repel dust. Then vibration automatically dislodges dust from the sensor, especially when you're changing lenses in-between video sessions.

Removable Flash Media slot

For convenient storage and sharing of your images and videos, the media card slot accepts Memory Stick Duo™ / Memory Stick PRO Duo™ / Memory Stick PRO-HG Duo™ media and SD/ SDHC/SDXC media (all sold separately).

Specifications

Camera Type	Interachangeable lens HD Camcorder
Lens Mount	E-mount
Imaging Sensor	Exmor APS HD CMOS sensor(23.5 x 15.6mm)
Processor	BIONZ™ Image processor
Anti Dust	Charge protection coating on Filter
Pixel Gross	Approx. 16.7 megapixels
Still Image Mode	JPEG/JPEG+RAW/RAW

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Still Image Size 3:2	L (16.0M): 4912 x 3264 M (7.1M): 3568 x 2000 S (4.0M): 2448 x 1624
Video Mode	HD PS:Approx.28Mbps/FX:Approx.24Mbps/FH:Approx.17Mbps/HQ:Approx.9Mbps/ LP:Approx.5Mbps; STD HQ:9Mbps
Audio Format	Dolby® Digital 5.1ch, Dolby® Digital 5.1Creator; Dolby® Digital 2ch stereo
Microphone/Speaker	Built-in Microphone/Monoral Speaker
Mic Level Control	Yes(31steps)
Lens Type	E PZ 18-200mm F3.5-6.3 OSS(SELP18200)
Aperture	Circular
Aperture (Max.)	Included SELP18200: F3.5(wide end) - F6.3(tele end)
Aperture (Min.)	Included SELP18200: F22(wide end) - F40(tele end)
Optical Zoom	11.1x
Focal Length (35mm equivalent)	Photo Mode: 27mm-300mm; Video Mode: 32.4mm-360mm (35mm equivalent) (included SEL18200 lens)
Filter Diameter	67mm
Angle of View	76 degrees
Focus System	Contrast AF
Picture Effect(s)	Movie and Still:Posterization,Pop color,Retro Photo, Partial Color, High constrastMonochrome, Toy Camera; Still Only:Soft Focus,Miniature
Noise Reduction	Yes
Gain Control	Auto/manual(0dB-30dB)
WB Shift	Yes(G7-M7 15steps, A7-B7 15steps)
Shutter Type	Electronically-controlled, vertical-traverse, focal-plane type
Shutter Speeds	Auto: 1/48-1/10000 (movie: 24p), 1/60-1/10000 (movie: other), 30s-1/4000 (Still) Manual: 1/3-1/10000 (movie: 24p), 1/4-1/10000 (movie: other), 30s-1/4000 (Still)
Flash Type	Multi interface Shoe
Flash Metering System	Pre-flash TTL
Flash Modes	Auto/Forced/Slow Sync./Rear Sync./Prohibited
Quick On	Yes
Self Timer	Approx.10sec.(Still Image)
Red-Eye Reduction	Yes(On/Off)
Date / Time Stamp	Yes(Rec Date and Time, Camera info)
View & Index	Event
Assignable Dial	Yes(Exposure/Gain(ISO)/Iris/Shutter Speed/AE Shift/WB Temp./WB B-A/WB G-M Set)
Tracking Focus	Yes
Audio Level Display	Yes
CinemaTone Gamma/Color	Yes
x.v.Color™	Yes

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SD Output	Composite Video Out(A/V connecting cable(supplied)) Component Video Out(Component A/V cable(supplied)) S Video Out(A/V connecting cable with S Video(sold separately))
USB Port(s)	mini-AB/USB2.0 Hi-speed (mass-storage/MTP)
Remote Commander	RMT-835
A/V Remote Terminal	Video/S Video/Audio/Component Out/Remote
Power Consumption (in Operation)	HD:4.2W(with SELP18200 Lens); STD:4.0W(with SELP18200 Lens)
Supplied Software	Vegas® Movie Studio HD Platinum 11 included via download to PC4
Limited Warranty Term	1 Year Parts & 90 days labor
Dimensions (Approx.)	Approx.4 1/8in x 5 5/8in x 11 5/8in (103mm x 140mm x 294mm) (WxHxD with supplied lens and hood)
Weight (Approx.)	Approx.3lb 2oz (1420g) (with NP-FV70 supplied battery and SELP-18200 LENS)
Supplied Accessories	Rechargeable Battery Pack(NP-FV70) (1) AC Adaptor (1) Power Cord (1) Component A/V Cable (1) A/V Connecting Cable (1) USB Cable (1) Body cap (1) Zoom Lens(E PZ 18-200mm F3.5-6.3 OSS) (1) Lens hood (1) Lens front cap (1) Lens rear cap (1) Wind screen (1) Large eye cup (1) CD-ROM("Handycam" Application Software) (1) Remote Commander(RMT-835 with Battery(CR2025)) (1) Operating Guide(1)

4. Mac OS® not supported.
5. Attaching Sony A-mount lens requires LA-EA2 adaptor sold sep. Manual focus and full open aperture shooting only.
7. Auto Focus is only available with Sony E-Mount lenses
8. Requires VMC-UAM1 cable, AC power for camcorder, and FAT-32 hard drive less than 2TB (Terabytes) sold sep
9. Optional XLR adapter sold separately

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